



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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WEATHER & CROPS



Week Ending: July 17, 2011

Number: 19

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WEATHER CONDITIONS AND CROP SUMMARY FOR WEEK ENDING JULY 17, 2011

Throughout the week there was drier weather throughout the Commonwealth of Virginia. Days suitable for fieldwork were 6.3. Pastures and hayfields are green and growing well. Cotton and peanuts are doing well but corn is showing some drought stress in some areas. Growers are optimistic and hoping for continued moisture for the rest of the summer. Deer continue to cause some problems to the soybean crop. Fungicide sprays are going out on peanuts and growth regulators on cotton. Vegetable growers are harvesting tomatoes, sweet corn, peppers, eggplant, cantaloupes and watermelon. Tobacco producers are topping and preparing for flue harvest.

TOPSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 19, 2011	6	30	62	2
June 26, 2011	5	27	66	2
July 3, 2011	12	29	55	4
July 10, 2011	10	18	68	4
July 17, 2011	9	31	59	1

SUBSOIL MOISTURE PERCENT

Week Ending	Very Short	Short	Adequate	Surplus
June 19, 2011	2	30	67	1
June 26, 2011	4	35	60	1
July 3, 2011	11	31	57	1
July 10, 2011	9	24	64	3
July 17, 2011	8	34	57	1

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Virginia Cooperative Extension Service

Virginia Cooperative Extension
A partnership of Virginia Tech and Virginia State University www.ext.vt.edu

Virginia Tech



Virginia State University



VIRGINIA STATE UNIVERSITY

CROP CONDITION PERCENT					
Crop	Very Poor	Poor	Fair	Good	Excellent
Pasture	4	16	30	47	3
Livestock	1	7	19	57	16
Hay, Other	5	13	31	43	8
Hay, Alfalfa	0	5	19	65	11
Corn	1	6	23	51	19
Soybeans	0	10	21	55	14
Tobacco, Flue-cured	5	10	51	29	5
Tobacco, Burley	1	5	39	52	3
Tobacco, Dark Fire-cured	0	2	50	46	2
Peanuts	0	0	29	53	18
Cotton	0	0	13	62	25
Summer Potatoes	0	0	50	50	0
Apples, All	0	0	12	67	21
Peaches	0	4	11	77	8
Grapes	0	0	5	95	0

CROP PROGRESS PERCENT – WITH COMPARISONS				
Crop	This Week	Last Week	Last Year	5 Year Avg.
Corn Silked	75	65	80	74
Corn Dough	27	10	21	22
Corn Dent	6	1	0	1
Soybeans Emerged	99	90	91	93
Soybeans Blooming	14	6	13	14
Peanuts Pegged	59	30	42	61
Cotton Squaring	91	87	73	81
Cotton Setting Bolls	10	2	48	35
Summer Potatoes Harvested	55	45	57	41
Summer Apples Harvested	20	15	13	16
Peaches Harvested	22	9	36	25
Oats for Grain Harvested	83	77	NA	NA

VIRGINIA WEEKLY WEATHER SUMMARY FOR THE WEEK ENDING JULY 17, 2011

City	Temperature						Growing degree days (modified base 50) 1/		Precipitation				
	Avg. max.	Avg. min.	High max.	Low min.	Avg.	Avg. dep. from normal *	Mar. 1 to Jul. 16	Mar. 1 to Jul. 16 normal	Last Week	Since Jun. 1	Jun. 1 dep. from normal *	Jan. 1 to date	Jan. 1 dep. from normal *
Lynchburg	87	64	95	56	75	0	2100	1890	1.59	6.10	0.0	20.89	-3.12
Norfolk	89	72	97	67	80	1	2455	2071	0.15	8.36	2.13	20.36	-4.46
Richmond	89	68	97	61	79	1	2378	2068	0.01	6.19	0.41	22.01	-1.40
Roanoke	86	69	95	63	77	1	2182	NA	0.00	6.24	0.52	22.61	-1.19
Wash/Dulles	89	65	96	59	77	1	2069	NA	0.70	3.61	-2.30	21.25	-1.59

* Normal based on 1971-2000 data. Source: NCEP/NOAA Climate Prediction Center <http://www.cpc.ncep.noaa.gov>. Source: USDA, NASS, Virginia Field Office.

REPORTER COMMENTS BY COUNTY

Comments are based on comments reported by extension agents, farmers, commodity specialists, and other knowledgeable individuals.

NORTHERN

FREDERICK (Jeanette Smith)

Weather is dry. Rainfall is scattered and short. Some areas have had rain, but other areas are short.

PRINCE WILLIAM

There was less rain recently except for scattered heavy downpours this week. Expecting extreme temperatures in the coming week.

WESTERN

ROCKBRIDGE (Tom Stanley)

With the exception of a few light showers, Rockbridge was dry this week but cooler temperatures Thursday - Sunday brought relief to farmers attempting to accomplish field work or summer projects. Saturday's high temperatures were in the upper 70's which were welcome relief from the 90+ degree heat of the previous weeks.

CENTRAL

AMELIA (Joan D Poore)

Overall the county crops are in fair to good condition. About 70% of the corn should make a good yield if weather stays favorable through harvest. Around 30% of the corn crop will hopefully make an average yield in the areas of the county that were the driest until the last 10 days. Soybeans and tobacco should have a good yield also if the future weather remains good. Temperatures were very hot for the first part of the week- upper 90's. Thursday and Friday were very nice and low humidity.

APPOMATTOX (Bruce Jones)

Rainfall this season has been very sporadic across Appomattox County. Sections of the county have received adequate rainfall while other sections are extremely dry. Double crop soybeans are the hardest affected crop so far with many fields having poor stands due to the dry weather. The wheat crop for many farmers was not as good as expected due

CENTRAL (continued)

APPOMATTOX (continued)

to the wheat drying too fast in May (decent yield but low test weight). Many cattle farmers are feeding hay now. Tobacco farmers will start irrigation this week.

CAROLINE (McGann Saphir)

Corn and soybean fields are looking very good. Corn ears are filling out and soybean canopy looks good. With continued timely rains we are looking at a very good harvest. Grain farmers are scouting beans and corn for insect and disease problems. Pastures and hay fields are green and growing well. Vegetable farmers are harvesting tomatoes, sweet corn, peppers (sweet and hot), eggplant, cantaloupes, and watermelons. Blueberry harvest is pretty much over and blackberries are ready for harvest.

CHESTERFIELD (Joan D Poore)

Overall the crops are looking good. Some much needed rain has helped in the past couple of weeks. Temperatures were very hot the first of the week, upper 90's. Thursday and Friday was very nice and low humidity.

HANOVER (Jim Tate)

It was hot and humid early in the week with temperatures moderating later in the week. There was little to no precipitation. Some scattered showers on Tuesday that did not amount to much at my western Hanover home. Others had a little more. I have seen some third cutting alfalfa being harvested. The 2nd cutting of grass hay in lots of fields as well.

EASTERN

ESSEX (Keith Balderson)

Overall the corn crop looks good. Soybeans have good potential, but rainfall will be needed in August to ensure a good crop. Deer continue to cause some damage to the soybean crop. Farmers spent the week scouting the soybean crop for potential problems and making post-emergence herbicide applications to the crop. Vegetable producers continued harvesting, tomatoes, sweet corn, cantaloupes, and other summer vegetables.

REPORTER COMMENTS BY COUNTY (continued)

Comments are based on comments reported by extension agents, farmers, commodity specialists, and other knowledgeable individuals.

SOUTHEASTERN

PRINCE GEORGE (Scott Reiter)

Some field work has resumed with drying conditions this week. Weed control in soybeans, fungicides in peanuts, and growth regulators to cotton are the main activities. Some drowned and dying soybeans were noted this week after standing in water for several days after last week's storms. Overall yield impact will be minimal but it is very noticeable in some fields.

SOUTHAMPTON (John Rudy)

There was no rain over the past week has started to again take a toll on corn, soybeans and pasture. Over the weekend I have noticed much of the corn showing stress. Cotton and peanuts are doing well. We are in need of rain this week. The temperatures are to turn much higher in the latter part of the week. Watermelon harvesting should begin this week.

SOUTHEASTERN (continued)

SURRY (Glenn Slade)

Rains last week have crops growing well. Growers are optimistic and hoping for continued moisture for the rest of the summer. Fungicide sprays are going out on peanuts, and growth regulators on cotton.

SUSSEX (Kelvin Wells)

Recent rains have helped crops really look very good at this time of the growing season. Some growers have been out of the fields due to the wet conditions. Others are applying herbicides to soybean and cotton crop along with growth regulators to control rank plant growth due to ample rains. All the crops look good for now. Growers are preparing to attend area insect clinics for cotton.



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